CBP and Trade Automated Interface Requirements

Add Manufacturer Name & Address

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U.S. Customs and Border Protection

Add Manufacturer Name & Address

*This chapter provides record formats to permit users
to add a manufacturer name and address.*

The reader should be advised that this technical document is a draft copy. The document retains the DRAFT designation in the footer until such time that a publication number from the CBP Office of Public Affairs has been assigned to the new "ACE ABI CATAIR" publication. For your information, subsequent revisions to this document will be controlled through the official CBP document amendment process.

Table of Contents

Table of Changes

Revision Number	Date of Change	Section(s) Affected	Brief Description of Change
1	November 1, 2016	All	Initial Draft

Add Manufacturer Name & Address – Introduction

Automated Commercial Environment (ACE) users who are operational have the capability to add manufacturer name and address data to the ACE data base.

This file should be updated prior to cargo release or entry summary processing so that the most accurate data is reflected in the ACE database. From the input data, ACE derives the manufacturer identification (ID) code using the standard manufacturer ID algorithm. For additional information on the standard manufacturer ID algorithm, refer to CBP Directive 3500-13 dated November 24, 1986.

If a match is not found in ACE for the manufacturer ID, a new record is created and the ACE database is updated. An acknowledgment providing information on the update, manufacturer ID and company name is system generated.

If a match is found in ACE for the manufacturer ID but no name and address is on file, the name and address data is added to the database. An acknowledgment providing information on the updated data, manufacturer ID and company name is system generated.

If there is a match in ACE for the manufacturer ID and the name and address is already on file, there will not be any updates in ACE. An acknowledgment of the add request, manufacturer ID and company name as well as an informational message is system generated.

Input: Record Identifier $A is an optional input record for user data. Record Identifiers $1 and $3 are mandatory add manufacturer name and address input records. Record Identifiers $2 and $4 are conditional add manufacturer name and address input records.

Filers may optionally transmit their manufacturer ID code on the $4 Record (positions 57-71). ACE verifies the manufacturer ID and returns a warning message if the manufacturer ID is not valid for the name and address transmitted. If the manufacturer ID is invalid for the name and address transmitted, the name and address is still added to the ACE Manufacturer File if the validations are passed. The valid manufacturer ID is returned to the filer when the name and address transmitted are valid and complete.

The application identifier on Record Identifier B is $I. For additional information on Record Identifier B, refer to the Application Control chapter of this publication.

Output: Record Identifier $A is a conditional output record for user data. Record Identifier $5 is a mandatory add manufacturer name and address output record. Record Identifiers $6 and $7 are conditional add manufacturer name and address output records.

The application identifier on Record Identifier B is $R. For additional information on Record Identifier B, refer to the Application Control chapter of this publication.

Record Layout Key

The following key describes the columns of the record layout definitions that follow.

Data Element:
    Contains the name of the reported data field.

Length:
    Indicates the maximum, allowed length of the reported data element.

Class:
    Defines the domain of values accepted for the data element. The class definition represents the accepted domain to be used in **all** filing scenarios.   Class codes are as follows:

S = Space ONLY.
A = Alphabetic Data. Consists of characters A through Z (uppercase ONLY).
N = Numeric Data Only. Consists of numerals 0 through 9.
(S)N = Numeric Data Variation. May contain '**Numeric Data Only**' **or** may consist of one or more spaces followed by numerals 0 through 9. Must consist of at least one right justified numeral. This variation of numeric class may be used for amounts, rates, and counts (where specified).
AN = Alphanumeric Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, and space.
D = Known Date. Consists of numerals 0 through 9 (format MMDDYY; month, day, year).
X = Special Data. Consists of characters A through Z (uppercase ONLY), numerals 0 through 9, space, and any other character found on a standard keyboard. The following characters are accepted:

      ! @ # $ % ^ & * ( ) - _ = + [{] } \ | ; : ' " , < . > / ? ` ~

Generally, the numeric data class is reserved for a data element used as an integer. It may also include a data element used as a sequencer (e.g., a line number).

Generally, any identifier or code is classed as alphanumeric. Note that this would include an identifier or code that may be required to be reported as all numerals.

Position:
    Indicates the beginning and ending position, respectively, of the reported data element within the 80-character record.

Designation:
    Indicates the reporting requirement as follows:

      M = Mandatory. A value conforming to the listed class is required in all filing scenarios.

      C = Conditional. A value conforming to the listed class may or may not be required for a particular filing scenario. The usage notes will describe the specific cases in which the data element is required or not allowed to be reported.

      O = Optional. A value conforming to the listed class will be conditionally accepted if provided. An optional data element may be subject to validation, however.

Description:
    Defines the data element and provides a further description of how it is to be reported. May include a list of acceptable values, an exception or further specification of the data class, and/or various rules regarding format, justification, and truncation.

Note:
    Points to a further discussion regarding the reporting of the particular data element.

$I INPUT RECORD USAGE MAP

The following table illustrates how the automated interface expects repeating groups to be structured within a $I, $A through $4 Manufacturer Name and Address input grouping message.

Manufacturer Name and Address Usage Map

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
	Transaction Control Headers (A,B)	M			
	Manufacturer Name and Address	M		999	
$A	Record Type and User Data	O	1		
$1	Update Action and Country Code/Name	M	1		
$2	Name and Street Address	C	1		
$3	Street and City	M	1		
$4	City, Zip Code, and Manufacturer ID	C	1		
	Transaction Control Trailers (Y,Z)	M			

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

$R OUTPUT RECORD USAGE MAPS

The following table illustrates how the automated interface expects repeating groups to be structured within a $A through $7 Manufacturer Name and Address output grouping message.

Manufacturer Name and Address Usage Map

Record ID	Name	Req. Des.	Max Use	Loop Repeat	Notes
	Block Control Grouping	M		1	
	Transaction Control Headers (A,B)	M			
	Manufacturer Name and Address	M		999	
$A	Record Type and User Data	C	1		
$5	Manufacturer Update Status, Sequence,	M	1		
$6	Manufacturer Firm Name and ID Code	C	1		
$7	Error Message Identifier and Narrative	C	20		
	Transaction Control Trailers (Y,Z)	M			

Designation: M = Reporting Mandatory; C = Reporting Conditional; O = Reporting Optional

Record Identifier $A (Input)

An optional input record that is provided for user data. ACE will not edit or validate the data. If used, it may be inserted anywhere within the sequence of $I transaction input records.

Record Identifier $A (Input)					
Data Element	**Length /Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1A	2	M	Must always equal A.	
User Data	78X	3-80	M	This field is used for internal use.	

Record Identifier $1 (Input)

A mandatory add manufacturer name and address input record that provides data pertaining to the update action, update sequence number, International Organization for Standardization (ISO) country code, and firm name.

Record Identifier $1 (Input)					
Data Element	**Length /Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 1.	
Update Action Code	1A	3	M	Must always equal A (add).	
Update Sequence Number	5N	4-8	M	A number from 00001 to 99999 representing the sequence number of the update action (each set of Record Identifiers $1 through $4) contained within a block.	
ISO Country Code	2A	9-10	M	The International Organization for Standardization (ISO) country code representing the location of the firm for all countries except Canada. Valid ISO country codes are listed in Appendix B of this publication.	1,2
Firm Name	70AN	11-80	M	A firm name can contain up to 100 positions. The first 70 positions are reported on Record Identifier $1; the next 30 positions are reported on Record Identifier $2.	

Note 1

The province/territory codes are to be used for Canadian shippers/manufacturers instead of the ISO code. Valid Canadian Province/Territory Codes for purposes of the manufacturer ID are:

Code	Province/Territory
XA	Alberta
XB	New Brunswick
XC	British Columbia

XM	Manitoba
XN	Nova Scotia
XO	Ontario
XP	Prince Edward Island
XQ	Quebec
XS	Saskatchewan
XT	Northwest Territories
XV	Nunavut
XW	Newfoundland
XY	Yukon Territory

Note 2

For cities in the United States, only 'US' should be used as the ISO code. There are twenty-four ISO codes that match US State postal states. These should ***NOT*** be used when creating an MID for the United States: AR, AL, AZ, CO, DE, GA, ID, IL, IN, KE, LA, MA, MD, MN, MO, MS, MT, NC, NE, PA, SC, SD, TN, VA.

Frequent errors in country codes include:

Australia	AU
Austria	AT
Saudi Arabia	SA
South Africa	ZA
Belgium	BE
Bulgaria	BG
Switzerland	CH (Not a code beginning with 'S')
Kenya	KE
Korea	KR
Sri Lanka	LK
Sierra Leone	SL
Singapore	SG
Slovenia	SI
Senegal	SN

Indonesia	ID
Ireland	IE
Israel	IL
India	IN
Iraq	IQ
Iran	IR
Iceland	IS
Italy	IT
Morocco	MA
Macedonia	MK
Mongolia	MN
Malaysia	MY
Denmark	DK
Germany	DE
United Kingdom	GB (which includes Scotland, Wales and Northern Ireland. The city of Belfast is

in Northern Ireland, which is part of Great Britain)

Hong Kong	HK (including Kowloon, which is not in China 'CN')
The Netherlands	NL
Niger	NE
Nigeria	NG
The city of Belgrade	YU (is in the former Yugoslavia not 'CZ' or 'CS')
Slovakia	SK (was SQ prior to 1993)

Record Identifier $2 (Input)

This is a conditional add manufacturer name and address input record that provides data pertaining to the continuation of a firm's name and street address.

Record Identifier $2 (Input)				
Data Element	**Length /Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 2.	
Firm Name	30AN	3-32	C	A firm name can contain up to 100 positions. The first 70 characters of a firm name are reported on Record Identifier $1; the next 30 positions are reported on Record Identifier $2.	
Street	43AN	33-75	C	A street name can contain up to 94 positions. The first 43 positions are reported on Record Identifier $2; the next 51 positions are reported on Record Identifier $3.	
Filler	5AN	76-80	M	Space fill.	

Record Identifier $3 (Input)

This is a mandatory add manufacturer name and address input record that provides data pertaining to the firm's street address and city name.

Record Identifier $3 (Input)					
Data Element	**Length /Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 3.	
Street	51AN	3-53	C	A street name can contain up to 94 positions. The first 43 positions are reported on Record Identifier $2; the next 51 positions are reported on Record Identifier $3.	
City	23AN	54-76	M	The city name can contain up to 67 positions. The first 23 positions are reported on Record Identifier $3; the next 44 positions are reported on Record Identifier $4.	1
Filler	4AN	77-80	M	Space fill.	

Note 1

Use the English/American spelling of the city. For example, send "Vienna" not Wien, "Cologne" not Koln or Koeln, "Munich" not Muenchen, "Florence" not Firenze. "Copenhagen" not Kobenhaven.

For cities in the United States, only 'US' should be used as the ISO code in the first two positions of the MID. There are twenty-four ISO codes that match US State postal states. These should *NOT* be used: AR, AL, AZ, CO, DE, GA, ID, IL, IN, KE, LA, MA, MD, MN, MO, MS, MT, NC, NE, PA, SC, SD, TN, VA.

Do not use "Flughafen", "Flugplatz" (Airport), "Postfach" "Cedex" (Post Office) or Postal Codes like D-NNNN in front of city names.

In Ireland, do not use "County" or "Co" in front of the city name.

Record Identifier $4 (Input)

This is a conditional add manufacturer name and address input record that provides data pertaining to the firm's city name and ZIP or postal code.

Record Identifier $4 (Input)					
Data Element	**Length /Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 4.	
City	44AN	3-46	C	The city name can contain up to 67 positions. The first 23 positions are reported in Record Identifier $3; the next 44 positions are reported here.	1
ZIP or Postal Code	10AN	47-56	M	The ZIP or postal code. Zip code required when adding a U.S or Canadian manufacturer.	
Manufacturer ID Code	15AN	57-71	O	ACE verifies the manufacturer ID and returns a warning message if the manufacturer ID is not valid for the name and address transmitted. If the manufacturer ID is invalid for the name and address transmitted, the name and address is added to the ACE Manufacturer File. The valid manufacturer ID is returned to the filer when the name and address transmitted are valid and complete.	
Filler	9AN	72-80	M	Space fill.	

Note 1

Use the English/American spelling of the city. For example, send "Vienna" not Wien, "Cologne" not Koln or Koeln, "Munich" not Muenchen, "Florence" not Firenze. "Copenhagen" not Kobenhaven.

For cities in the United States, only 'US' should be used as the ISO code in the first two positions of the   MID. There are twenty-four ISO codes that match US State postal states. These should NOT be used: AR, AL, AZ, CO, DE, GA, ID, IL, IN, KE, LA, MA, MD, MN, MO, MS, MT, NC, NE, PA, SC, SD, TN, VA.

Do not use "Flughafen", "Flugplatz" (Airport), "Postfach" "Cedex" (Post Office) or Postal Codes like D-NNNN in front of city names.

In Ireland, do not use "County" or "Co" in front of the city name.

Record Identifier $A (Output)

A conditional output record that is provided for user data. If the $A input record is used ACE will return the user data in the $A output record exactly as transmitted.

Record Identifier $A (Output)					
Data Element	**Length/ Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1A	2	M	Must always equal A.	
User Data	78X	3-80	M	This field is used for internal use. Data will be returned exactly as transmitted in the $A input record.	

Record Identifier $5 (Output)

This is a mandatory add manufacturer name and address output record that provides data pertaining to the update status, update sequence number, International Organization for Standardization (ISO) country code, and firm name.

Record Identifier $5 (Output)					
Data Element	**Length/ Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 5.	
Update Status	1A	3	M	A code representing the status of the update. Valid Update Status Codes are: U = Update Acknowledgment. Record Identifier $6 is system generated if an error-free condition exists. E = Error Condition. Record Identifier $7 is system generated if an error condition exists.	
Update Sequence Number	5N	4-8	M	A sequential number from *00001* to *99999*.	
ISO Country Code	2A	9-10	M	The International Organization for Standardization (ISO) country code representing the location of the firm for all countries except Canada. Valid ISO codes are listed in Appendix B of this publication.	1
Firm Name	70AN	11-80	M	A firm name can contain up to 100 positions. The first 70 positions are reported on Record Identifier $5; the next 30 positions are reported on Record Identifier $6.	

Note 1

The province/territory codes are to be used for Canadian shippers/manufacturers instead of the ISO code. Valid Canadian Province/Territory Codes for the purposes of the manufacturer ID are:

Code   **Province/Territory**

XA   Alberta

XB   New Brunswick

XC   British Columbia

XM   Manitoba

XN   Nova Scotia

XO   Ontario

XP   Prince Edward Island

XQ   Quebec

XS   Saskatchewan

XT   Northwest Territories

XV   Nunavut

XW   Newfoundland

XY   Yukon Territory

Record Identifier $6 (Output)

A conditional add manufacturer name and address output record that provides data pertaining to the continuation of the firm's name and manufacturer identification (ID) code.

Record Identifier $6 (Output)					
Data Element	**Length/ Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 6.	
Firm Name	30AN	3-32	C	A firm name can contain up to 100 positions. The first 70 positions are reported on Record Identifier $5; the next 30 positions are reported on Record Identifier $6.	
Filler	1AN	33	M	Space fill.	
Manufacturer ID Code	15AN	34-48	C	The code for the first two positions of the ID for Canadian manufacturers/shippers is the Canadian province/territory instead of the International Organization for Standardization (ISO) country code. Refer to Customs Directive 3500-13 dated November 24, 1986, for instructions on determining the manufacturer ID.	
Filler	32AN	49-80	M	Space fill.	

Record Identifier $7 (Output)

This is a conditional add manufacturer name and address output record that provides an error message identifier and a narrative explanation of the error condition when an invalid attempt has been made to add a manufacturer name and address to the Manufacturer file.

Record Identifier $7 (Output)					
Data Element	**Length/ Class**	**Position**	**Status**	**Description**	**Note**
Control Identifier	1X	1	M	Must always equal $.	
Record Type	1N	2	M	Must always equal 7.	
Error Message Identifier	3AN	3-5	M	A code identifying the error message.	
Filler	1AN	6	M	Space fill.	
Narrative Message	40AN	7-46	M	A narrative explanation of the error condition.	
Filler	34AN	47-80	M	Space fill.	